



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6292

SERIAL NUMBER 10/700,500	FILING DATE 11/05/2003 RULE	CLASS 360	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. ASA-350-07
-----------------------------	---------------------------------------	--------------	------------------------	-----------------------------------

APPLICANTS

Ryoichi Nakatani, Akigawa-shi, JAPAN;
 Masahiro Kitada, Tokyo, JAPAN;
 Naoki Koyama, Kokubunji-shi, JAPAN; Isamu Yuito, Ome-shi, JAPAN;
 Hisashi Takano, Hachioji-shi, JAPAN;
 Eijin Moriwaki, Hachioji-shi, JAPAN;
 Mikio Suzuki, Kokubunji-shi, JAPAN;
 Masaaki Futamoto, Kanagawa-ken, JAPAN;
 Fumio Kugiya, Hachioji-shi, JAPAN;
 Yoshibumi Matsuda, Hachioji-shi, JAPAN;
 Kazuo Shiiki, Kanagawa-ken, JAPAN;
 Yoshinori Miyamura, Tokyo, JAPAN;
 Kyo Akagi, Fuchu-shi, JAPAN;
 Takeshi Nakao, Sagami-hara-shi, JAPAN;
 Hirotugu Fukuoka, Hitachiota-shi, JAPAN;
 Takayuki Munemoto, Ibaraki-ken, JAPAN;
 Tokuho Takagaki, Yokohama-shi, JAPAN;
 Toshio Kobayashi, Tokyo, JAPAN;
 Hideo Tanabe, Higashimurayama-shi, JAPAN;
 Noboru Shimizu, Tokorozawa-shi, JAPAN;

** CONTINUING DATA *****

This application is a CON of 10/270,120 10/15/2002 PAT 6,687,099
 which is a CON of 09/931,897 08/20/2001 PAT 6,483,677
 which is a CON of 09/468,309 12/21/1999 PAT 6,278,593
 which is a CON of 08/626,333 04/02/1996 PAT 6,011,674
 which is a CON of 08/328,090 10/24/1994 PAT 5,726,837
 which is a CON of 07/710,775 06/05/1991 PAT 5,390,061

** FOREIGN APPLICATIONS *****

JAPAN 02-148643 06/08/1990 - translated in parent
 JAPAN 02-218894 08/22/1990
 JAPAN 02-218904 08/22/1990
 JAPAN 02-242341 09/14/1990

All received in parent

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 02/03/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 17	TOTAL CLAIMS 1	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Met after Allowance <input type="checkbox"/>			
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials <i>SAK</i>				

ADDRESS

24956
 MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
 1800 DIAGONAL ROAD
 SUITE 370

ALEXANDRIA , VA
22314

TITLE

Magnetoresistance effect elements, magnetic heads and magnetic storage apparatus

FILING FEE

RECEIVED
770

FEES: Authority has been given in Paper
No. _____ to charge/credit DEPOSIT ACCOUNT
No. _____ for following:

☐ All Fees☐ 1.16 Fees (Filing)☐ 1.17 Fees (Processing Ext. of time)☐ 1.18 Fees (Issue)☐ Other _____☐ Credit